

Listing of the Claims:

The following is a complete listing of all the claims in the application,
with an indication of the status of each:

1 1 (Currently Amended). A portable telephone radio set with an
2 interference detection function to which a terminal equipment can be
3 externally connected to effect data communication therewith, comprising:
4 a warning section for ~~warning section~~ for warning radio wave
5 interference by audio or visual signals; and
6 a control circuit section for selecting and switching among a group
7 of channels available for communication, said control circuit detecting
8 interference of radio waves in a channel selected for communication and
9 controlling said warning section;
10 said control circuit section reporting, when said control circuit
11 section detects a radio wave interference fault, ~~contents~~ a type of the fault
12 to said warning section so that said warning section may give a warning of
13 radio wave interference in a predetermined form based on at least one of
14 visibility and audibility, but if a cause of the radio wave interference
15 disappears as a result of establishment or switching of the channel, then
16 said control circuit section controlling the warning section to erase the
17 warning of radio wave interference.

1 2 (Original). A portable telephone radio set with an interference detection
2 function as claimed in claim 1, wherein said control circuit section detects
3 a radio wave interference fault in the course of a selection operation of a
4 standby channel from that at least one of loss of frame synchronization,
5 deterioration in bit error rate, unfavorable reception of broadcast
6 information and interruption of radio waves occurs in either one of
7 conditions of out-of-zone indication and abandonment of the pertaining
8 channel.

1 3 (Original). A portable telephone radio set with an interference detection
2 as claimed in claim 1, wherein said control circuit section detects a radio
3 wave interference fault in the course of a zone switching operation which
4 is caused by the presence of a channel having a higher reception level than
5 that of the channel being waited from that at least one of loss of frame
6 synchronization, deterioration in bit error rate, unfavorable reception of
7 broadcast information and interruption of radio waves occurs in a
8 condition of abandonment of the pertaining channel.

1 4 (Currently Amended). A portable telephone radio set with an
2 interference detection function as claimed in claim 1, wherein said control
3 circuit detects a radio wave interference fault during communication from
4 that a level value detected when the level of each perch ~~channels~~ channel
5 other than a peripheral perch channel designated from a base station is
6 measured is higher than a predetermined threshold value.

1 5 (Currently Amended). A portable telephone radio set with an
2 interference detection function as claimed in claim 1, wherein said control
3 circuit section detects a radio wave interference fault during
4 communication ~~from that~~, when the channel is switched to a channel of a
5 level lower than the level of the channel which has been used for
6 communication ~~till~~ until then, ~~it is a~~ the cause of the channel switching ~~that~~
7 being at least one of loss of frame synchronization, deterioration in bit
8 error rate, and interruption of radio waves occurs.

1 6 (Currently Amended). A portable telephone radio set with an
2 interference detection function as claimed in claim 1, wherein the
3 predetermined form in which the radio wave interference warning is
4 displayed includes ~~the abandon~~ an abandoned channel number.

1 7 (Currently Amended). A portable telephone radio set with an
2 interference detection function as claimed in claim 1, wherein the
3 predetermined form in which the radio wave interference warning is
4 displayed ~~including the~~ includes a number of occurrence occurrences of
5 retransmission per unit time measured during the communication.

1 8 (Original). A portable telephone radio set with an interference detection
2 function as claimed in claim 1, wherein the predetermined form in which
3 the radio wave interference warning is displayed includes a rate of
4 occurrences of retransmission per unit data measured during the
5 communication.